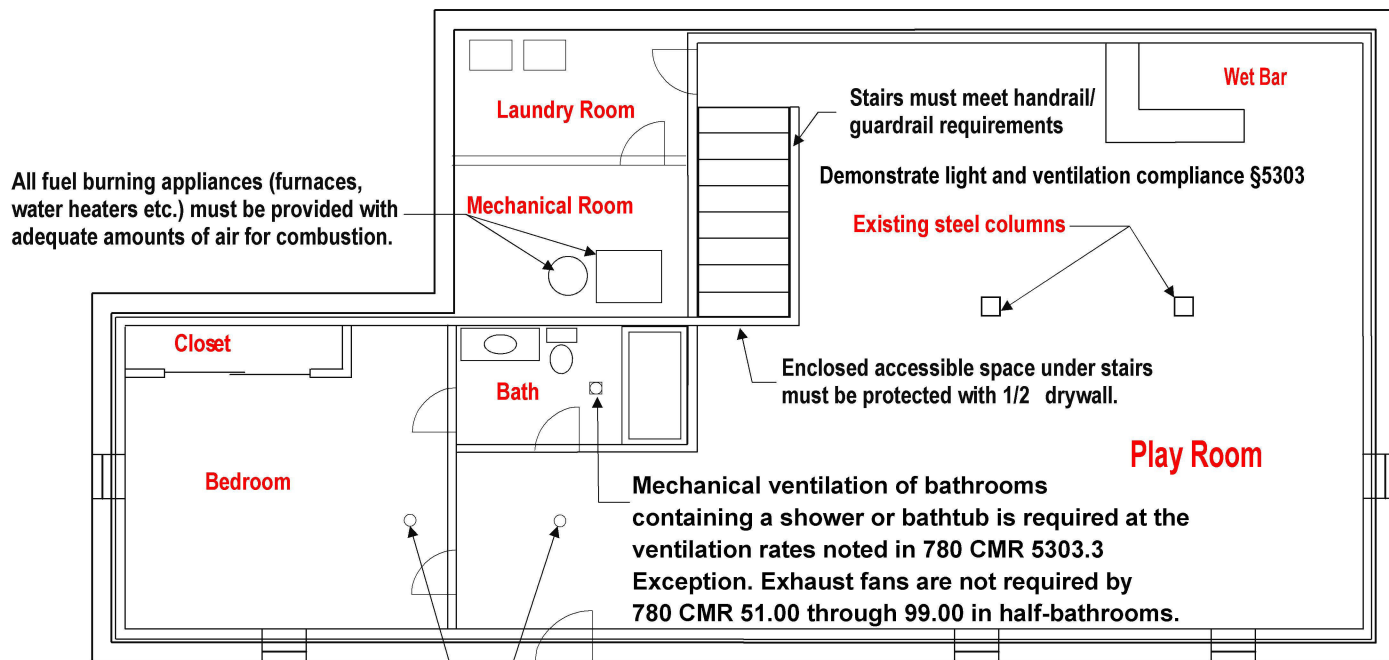


Typical Details needed for Basement Conversions to Habitable Space

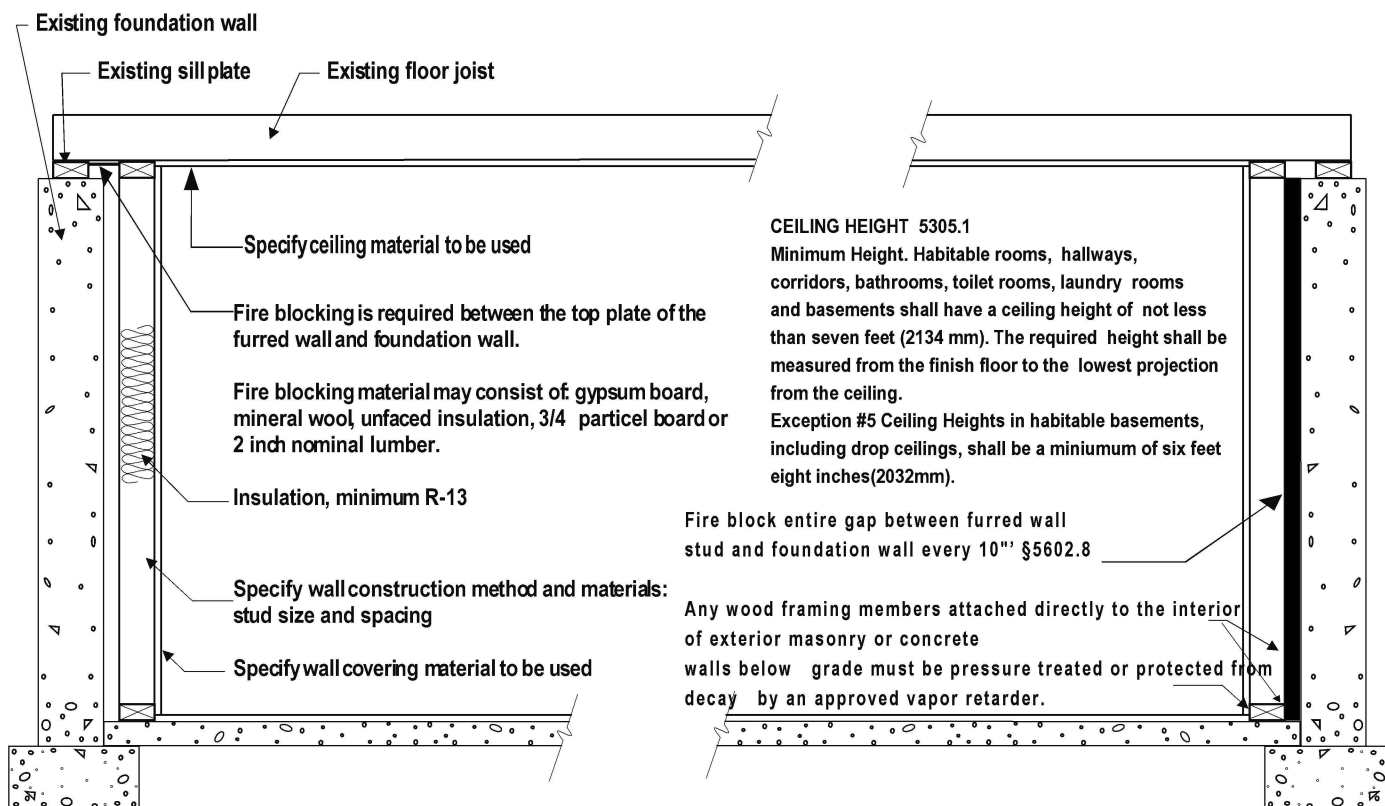


(For the purposes of 780 CMR 5303, half-bathrooms are defined as those bathrooms that contain only a toilet and sink.)

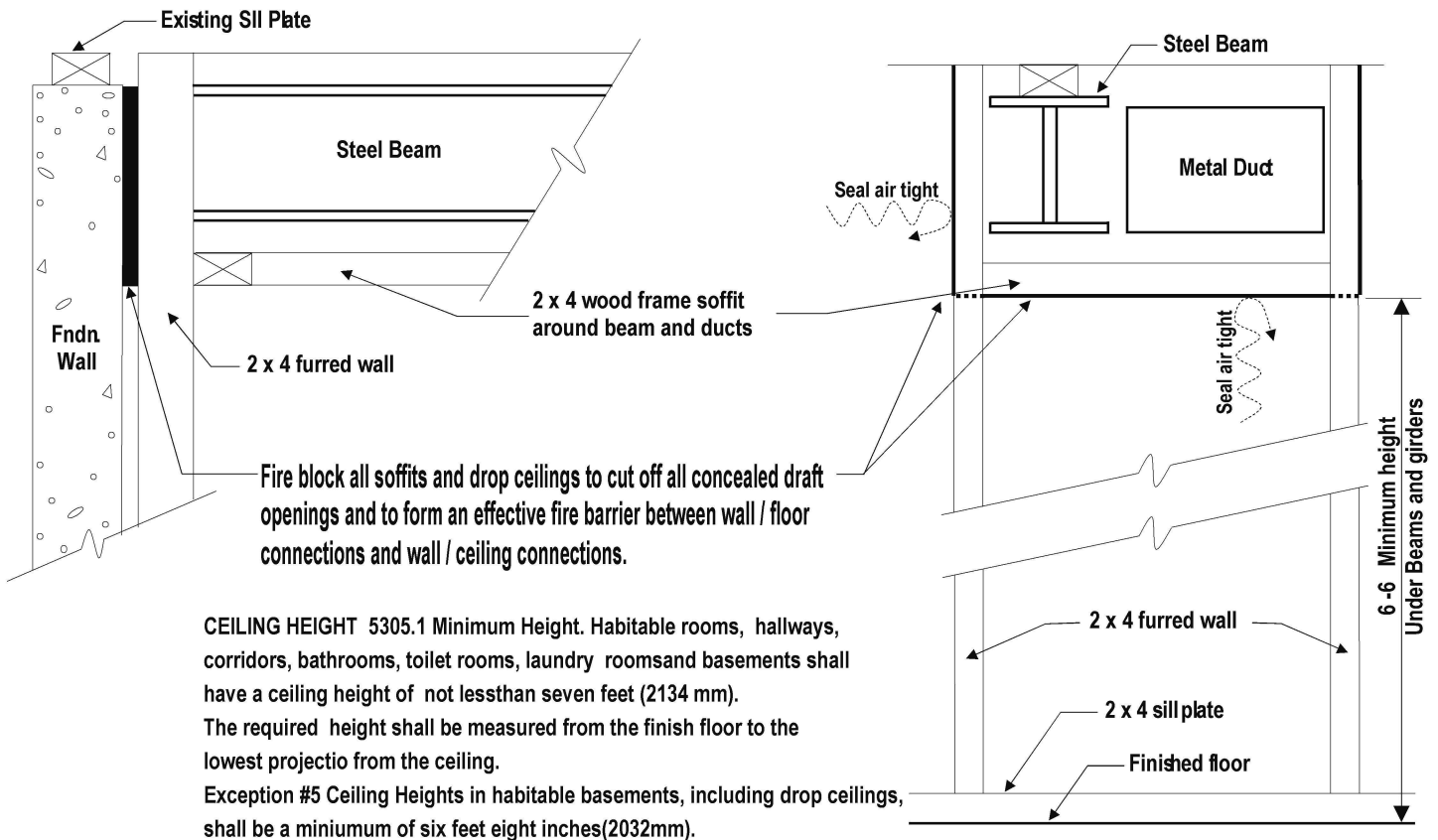
All sleeping rooms must have an emergency escape window. §5310 See detail on next page

§ 9304.8 Smoke Heat Detection and Carbon Monoxide Alarm Systems and CO Detection and Alarm. When one or more sleeping rooms are added or created in existing dwellings, the entire existing building shall be provided with smoke detectors, heat detector and carbon monoxide detectors designed, located and installed in accordance with the provisions for new construction, 780 CMR 5313, as applicable.

FLOOR PLAN FOR BASEMENT FINISH

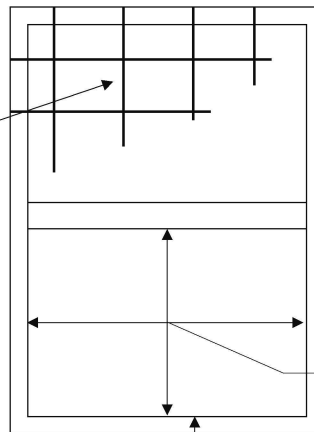


TYPICAL WALL SECTION



SOFFIT FIRESTOPPING DETAIL

Bars, grilles, covers, screens or similar devices are permitted to be placed over emergency escape opening or window wells provided they meet the minimum net clear opening requirements and such devices are releasable or removable from the inside without the use of a key, tool, special knowledge or force greater than that which is required for normal operation of the escape and rescue opening.



5310.1.1 Minimum Opening Area.

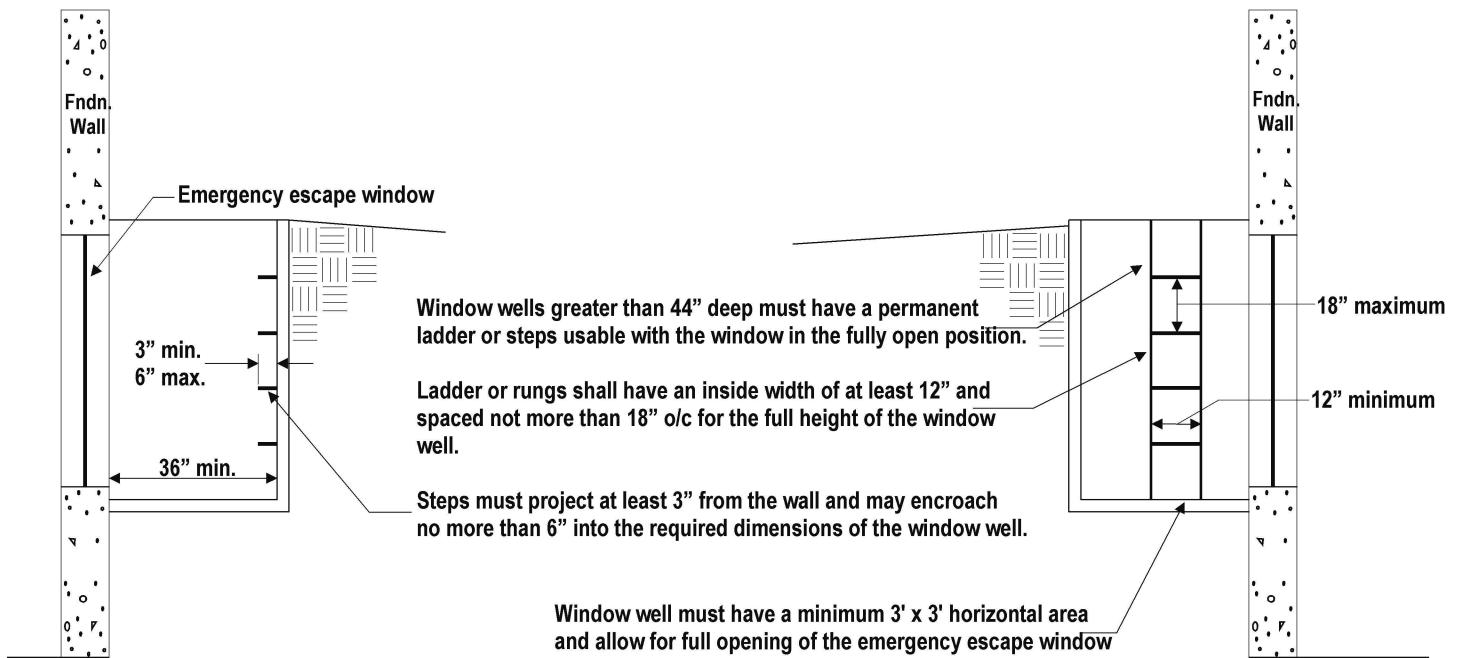
All emergency escape and rescue openings shall have a minimum net clear opening of 5.7 square feet (0.530 m).²

Exceptions: 1. Grade floor openings shall have a minimum net clear opening of five square feet (0.465 m).²² Double hung windows used for emergency escape shall be permitted to have a net clear opening of 3.3 square feet (0.31 m) provided that at least one operable sash meets the minimum height and width required by 780 CMR 5310.1.2 and 5310.1.3 and operational constraints defined by 780 CMR 5310.1.4

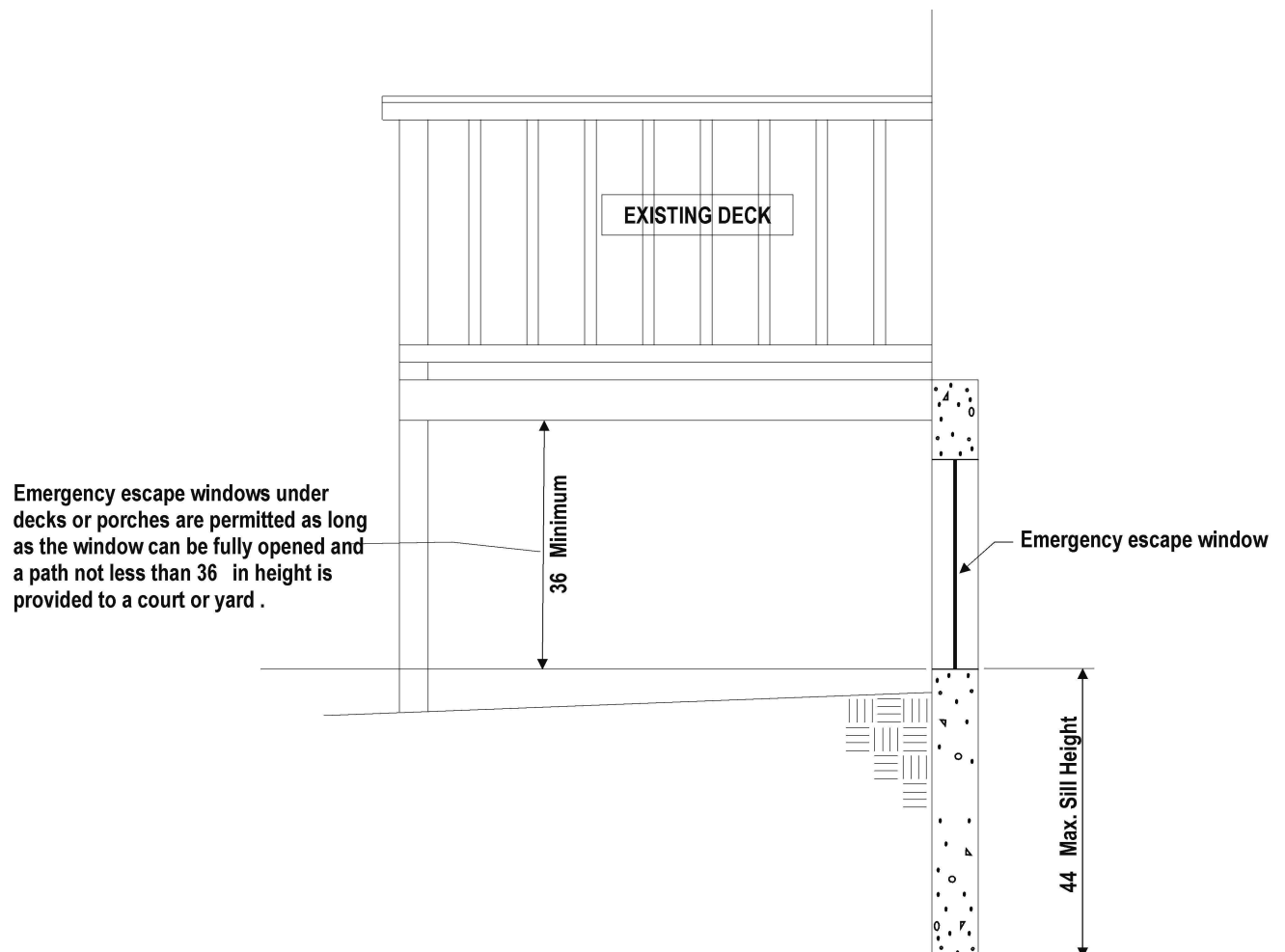
44" Max. sill height for egress (bedroom) windows measured from floor to top of sill.

Emergency escape and rescue openings shall be operational from the inside of the room without the use of keys, tools or special knowledge.

EMERGENCY ESCAPE WINDOW DETAIL



EMERGENCY ESCAPE WINDOW WELL DETAIL

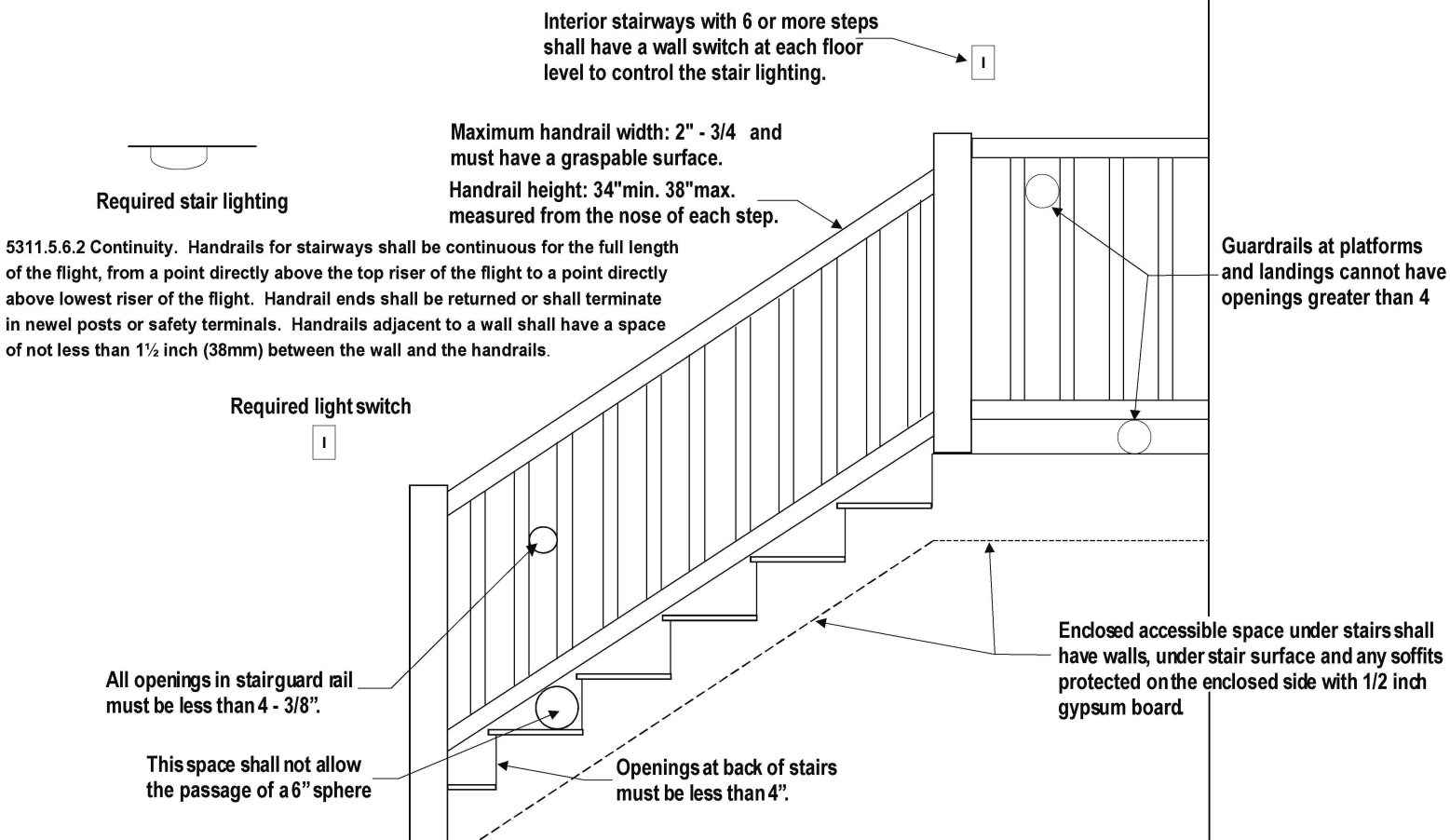


EMERGENCY ESCAPE WINDOW UNDER EXISTING STRUCTURES

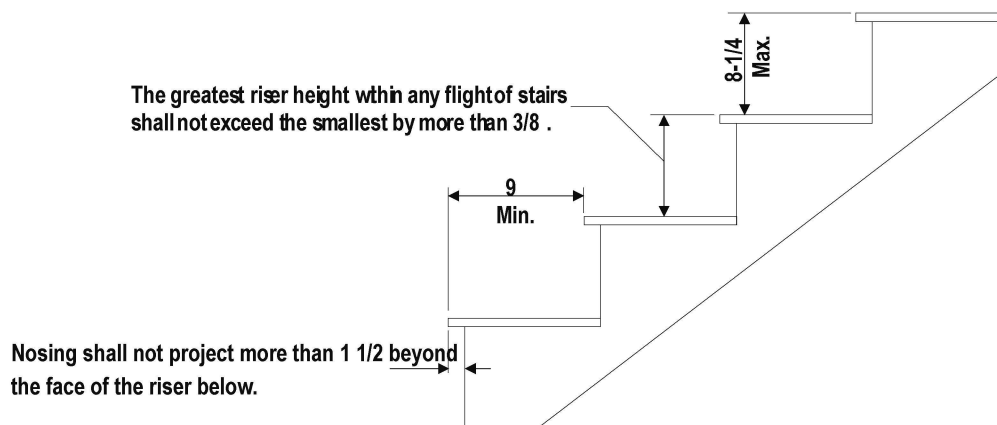
5311.5.2 Headroom. The minimum headroom in all parts of the stairway shall not be less than six feet six inches (1981 mm) measured vertically from the sloped plane adjoining the tread nosing or from the floor surface of the landing or platform.

Exception: Minimum headroom under a sloped ceiling in an existing building shall be maintained for a minimum width of 36 inches (914 mm) as measured from the side of the stair with the continuous handrail

5303.6 Stairway Illumination. All interior and exterior stairways shall be provided with an artificial light source to illuminate the stairs, including the landings and treads.



INTERIOR STAIR DETAIL



TREAD AND RISER DETAIL